

HISTORIC AMERICAN ENGINEERING RECORD

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Index to Photographs

Grand Canal
North side of Salt River
Tempe and Phoenix
Maricopa County
Arizona

HAER No. AZ-17

NOTE: Photographs No. AZ-17-1 through AZ-17-17 are photocopies of historic photographs, courtesy of the Salt River Project, U.S. Bureau of Reclamation.

- AZ-17-1 VIEW SHOWING THE GRAND CANAL, LOOKING NORTH ON CENTRAL ST. FRANCIS CHURCH IS IN BACKGROUND
Photographer unknown, c. 1960
- AZ-17-2 VIEW SHOWING CONCRETE DROP ON GRAND CANAL [LOCATION UNKNOWN]
Photographer: Walter J. Lubken, March 28, 1908
- AZ-17-3 VIEW SHOWING FORMS FOR BRIDGE ACROSS GRAND CANAL [LOCATION UNKNOWN]
Photographer: Walter J. Lubken, February 5, 1909
- AZ-17-4 VIEW SHOWING CONCRETE ARCH BRIDGE ACROSS GRAND CANAL [LOCATION UNKNOWN]. NOTE WOODEN FLUME IN FOREGROUND.
Photographer: Walter J. Lubken, February 5, 1909
- AZ-17-5 VIEW SHOWING WOODEN BRIDGE ACROSS GRAND CANAL [LOCATION UNKNOWN].
Photographer: Walter J. Lubken, February 5, 1909
- AZ-17-6 VIEW SHOWING WOODEN FLUMES ACROSS MARICOPA CANAL. SUCH FLUMES WERE USED TO CARRY WATER FROM ONE CANAL TO ANOTHER, BEFORE THE CANAL COMPANIES WERE BOUGHT BY THE GOVERNMENT, AND THE SYSTEM UNIFIED.
Photographer unknown, no date
- AZ-17-7 VIEW SHOWING GRAND CANAL RECONSTRUCTION, NEAR SALT RIVER, LOOKING EAST TOWARD TEMPE BUTTE
Photographer unknown, c. 1916

Grand Canal
HAER No. AZ-17
Index to Photographs
(Page 2)

- AZ-17-8 VIEW SHOWING THE DEMOSSING OF GRAND CANAL [LOCATION UNKNOWN]. AT TEAM OF HORSES ON OPPOSITE BANKS OF THE CANAL DRAG A CHAIN BETWEEN THEM ALONG THE BOTTOM OF THE CANAL, WHICH PULLS THE MOSS AND WEEDS LOOSE. THE PLANS THEN FLOAT DOWN THE CANAL AND ARE CAUGHT IN A SCREEN AND REMOVED.
Photographer unknown, 1923
- AZ-17-9 VIEW SHOWING CHILDREN SWIMMING IN A LATERAL OF THE GRAND CANAL [LOCATION UNKNOWN]. THE HUGE COTTONWOOD TREES THAT ONCE-LINED MOST CANALS AND DITCHES WERE CUT DOWN WHEN IT WAS DISCOVERED THAT THEY CONSUMED HUNDREDS OF GALLONS OF WATER EACH DAY.
Photographer unknown, no date
- AZ-17-10 VIEW SHOWING 36-INCH TANTER GATES AT GRAND CANAL LATERAL 12 (7TH AVE.)
Photographer unknown, 1937
- AZ-17-11 A GROUPING OF THREE PHOTOS SHOWING CIVILIAN CONSERVATION CORPS [CCC] CANAL WORK.
Photographer unknown, 1937
- AZ-17-12 CCC RUBBLE PAVING IN GRAND CANAL AT 4E-10N [NEAR 83RD AVENUE AND BETHANY HOME ROAD, GLENDALE].
Photographer unknown, January 18, 1938
- AZ-17-13 VIEW OF GRAND CANAL, LOOKING WEST TOWARD 24TH STREET BRIDGE IN PHOENIX
Photographer unknown, December 5, 1949
- AZ-17-14 VIEW OF GRAND CANAL, LOOKING WEST FROM 24TH STREET BRIDGE.
Photographer unknown, December 5, 1949
- AZ-17-15 VIEW OF GRAND CANAL, LOOKING WEST TOWARD BROPHY SCHOOL AND ST. FRANCIS CHURCH, NEAR CENTRAL AVENUE IN PHOENIX
Photographer unknown, 1937
- AZ-17-16 VIEW OF GRAND CANAL, LOOKING EAST TOWARD GRAND AVENUE IN PHOENIX
Photographer unknown, September 11, 1944

Grand Canal
HAER No. AZ-17
Index to Photographs
(Page 3)

- AZ-17-17 VIEW SHOWING TAINTER GATE AT LATERAL 13-3/8 [NEAR 23RD AVENUE AND INDIAN SCHOOL ROAD IN PHOENIX]
Photographer unknown, 1953
- AZ-17-18 VIEW OF GRAND CANAL, SHOWING OLD ALIGNMENT [BEFORE 1989 REALIGNMENT], LOOKING NORTH TOWARD RAILROAD CROSSING AND CROSSCUT STEAM PLANT [LARGE WHITE BUILDING]. THE CROSSCUT HYDRO PLANT IS HIDDEN BY TREES TO RIGHT OF STEAM PLANT. Photographer: Mark Durben, April 1989
- AZ-17-19 VIEW OF GRAND CANAL, SHOWING NEW ALIGNMENT, LOOKING NORTH TOWARD CROSSCUT HYDRO PLANT [ROOF WITH FOUR CUPOLAS VISIBLE]. Photographer: Mark Durben, May 1990
- AZ-17-20 VIEW OF GRAND CANAL, SHOWING OLD ALIGNMENT, LOOKING EAST FROM SOUTH BANK NEAR SETTLING BASIN (see HAER Photograph No. AZ-30-17, Crosscut Hydro Plant). THE LARGE FOREGROUND PIPE CARRIED WATER ACROSS THE CANAL FROM THE SETTLING BASIN TO THE CROSSCUT STEAM PLANT. Photographer: Mark Durben, April 1989
- AZ-17-21 VIEW OF GRAND CANAL, SHOWING OLD ALIGNMENT, LOOKING WEST [LOCATION UNKNOWN]. THE WIDE DRY BED OF THE SALT RIVER SPANS THE BACKGROUND. Photographer: Mark Durben, April 1989
- AZ-17-22 VIEW OF GRAND CANAL, SHOWING OLD ALIGNMENT, LOOKING WEST FROM BELOW THE SETTLING BASIN (see HAER Photograph No. AZ-30-17, Crosscut Hydro Plant). Photographer: Mark Durben, April 1989
- AZ-17-23 VIEW OF GRAND CANAL, SHOWING NEW ALIGNMENT [CANAL ON RIGHT]. THIS PHOTO WAS TAKEN FROM APPROXIMATELY THE SAME SPOT AS THE PREVIOUS PHOTOGRAPH (AZ-17-22).
Photographer: Kevin Kreisel-Coons, May 1990
- AZ-17-24 VIEW SHOWING WASTE GATES ON GRAND CANAL AT JUNCTION WITH OLD CROSSCUT [NE/4, Sec. 7, T1N, R4E]; LOOKING WEST. OLD CROSSCUT CANAL ENTERS FROM RIGHT. WASTE GATE ON LEFT EMPTIES INTO SALT RIVER BED Photographer: Kevin Kreisel-Coons, May 1990
- AZ-17-25 VIEW OF GRAND CANAL, SHOWING PAPAGO FREEWAY REALIGNMENT, EAST OF 32ND STREET IN PHOENIX. Photographer: Kevin Kreisel-Coons, May 1990

Grand Canal
HAER No. AZ-17
Index to Photographs
(Page 4)

- AZ-17-26 VIEW OF THE PEDESTRIAN BRIDGE CROSSING GRAND CANAL AT 30TH STREET IN PHOENIX, LOOKING WEST. Photographer: Mark Durben, April 1989
- AZ-17-27 VIEW OF GRAND CANAL AT 30TH STREET, LOOKING WEST. Photographer: Mark Durben, April 1989
- AZ-17-28 VIEW OF GRAND CANAL AT 24TH STREET, LOOKING WEST (compare this photograph with AZ-17-14, taken at the same spot in 1919) Photographer: Mark Durben, April 1989
- AZ-17-29 VIEW OF GRAND CANAL, LOOKING WEST TOWARD BROPHY PREP AND ST. FRANCIS CHURCH (compare this photograph with AZ-17-15, taken at the same spot in 1937). Photographer: Kevin Kreisel-Coons, May 1990
- AZ-17-30 VIEW SHOWING AUTOMATIC DEMOSSING RACK, GRAND CANAL AT 99TH AVENUE, LOOKING WEST. THIS MACHINE SCOOPS UP FLOATING WEEDS AND OTHER DEBRIS AND CONVEYS IT TO A TRASH DUMPSTER. Photographer: Mark Durben, April 1989
- AZ-17-31 VIEW SHOWING DEMOSSING ALONG GRAND CANAL. THE DRAGLINE SCOOPS UP AQUATIC WEEDS AND DEPOSITS THEM IN A DUMP TRUCK. Photographer: Mark Durben, April 1989
- AZ-17-32 VIEW OF TERMINUS OF GRAND CANAL, SHOWING TURNOUT GATES, LOOKING SOUTHWEST. WASTE WATER IS TURNED INTO THE BED OF NEW RIVER. Photographer: Mark Durben, April 1989

The following of reduced photocopies of drawings. Original drawings are on file at the Salt River Project, U. S. Bureau of Reclamation:

- AZ-17-33 BLUEPRINT OF 1916 GRAND CANAL RELOCATION. March 7, 1916
- AZ-17-34 RIGHT OF WAY OF A SECTION OF THE RECONSTRUCTED GRAND CANAL, SHOWING THE RELATIONSHIP OF THE NEW CANAL TO THE OLD GRAND CANAL COMPANY AND APPROPRIATORS CANAL RIGHT OF WAYS. October 1910

Grand Canal
HAER No. AZ-17
Index to Photographs
(Page 5)

- AZ-17-35 REINFORCED CONCRETE SIPHON FOR R.R. CROSSINGS NOS. 5 AND 6,
GRAND CANAL EXTENSION. September 7, 1911
- AZ-17-36 DETAILS OF GATES AND GUIDES FOR WASTEWAY, GRAND CANAL
EXTENSION. October 30, 1911.